```
def find_peak_element(arr):
     n = len(arr)
     if n == 1:
       return 0
     if arr[0] > arr[1]:
       return 0
     if arr[n - 1] > arr[n - 2]:
       return n - 1
     for i in range(1, n - 1):
       if arr[i] > arr[i - 1] and arr[i] > arr[i + 1]:
         return i
     return -1
   n = int(input())
   arr = list(map(int, input().split()))
   index = find_peak_element(arr)
   if index != -1:
     print(index)
   else:
     print("No peak element found.")
RESULT
```

5 / 5 Test Cases Passed | 100 %